

REMARKS

Reconsideration of the present application in view of the foregoing amendments and following remarks is respectfully requested.

Claim 1 and claim 7 has been cancelled in the present application. Claims 2-6 and claims 8-11 have been amended to more clearly define the invention. New claims 12-19 have been added. This amendment is fully supported throughout the specification. In these amendments, no new matter has been added, and no new issues have been raised. Therefore, after entry of the above amendments, claims 2-6,8-19 will be pending in the present application.

Drawings

Figures 7 has been amended to delete reference number 73', figure 8 has been amended to delete reference number 73 and figure 10 has been amended to include reference number 512. The above amendments made to the drawing is in compliance with 37 CFR 1.84(p)(5).

Specification

The Applicants have amended the specification to include proper antecedent basis for the terms used in the claims. Thus, this objection is now moot, and withdrawal of the objection to the specification is respectfully requested.

Rejection of claims 1-11 under 35 U.S.C. 112 2nd paragraph

Claims 2-6 and claims 8-11 have been amended and are in compliance with 35 U.S.C 112 2nd paragraph. Thus withdrawal of the rejection of claims 2-6 and claims 8-11 is respectfully requested.

Claim 1 and claim 7 has been cancelled and hence the rejection of claim 1 under 35 U.S.C 112 2nd paragraph need not be addressed.

Rejection of claim 1 under 35 U.S.C 102 (b) need not be addressed since claim 1 has been cancelled

Patentability of New claims over Hashimoto et al.(US 6,443,055 B1)

The independent new claim 12 is patentable over Hashimoto et al. (US 6,443,055 B1) (hereinafter "cited reference") because the cited reference does not fairly disclose or suggest every element recited by claim 12. Claim 12, apart from other features recites

.....wherein, said outlet of said inner channel is at an interior of said combining nozzle, said outlet of said inner channel has a diameter smaller than said outlet of said annular middle channel; said outlet of said annular middle channel adapted to be positioned substantially below said outlet of said inner channel and defining a diameter smaller than said outlet of said outer channel; said outlet of said outer channel is adapted to be positioned substantially below said outlet of said middle channel;

This feature is not disclosed or suggested by the cited reference. Further Claim 12 also requires a rotary screwing rod adapted to be positioned inside said inner channel of said inner tube which is not disclosed by the cited reference. For each of the above reasons, claim 12 is patentable over the cited reference.

Since claims 2-6, claims 8-11 and claims 13-19 are either directly or indirectly dependent on claim 12, claims 2-6, claims 8-11 and claims 13-19 are patentable over the cited reference.

Conclusion

Each of the Examiners rejection has been traversed/overcome. Accordingly,
Applicants respectfully submit that all claims are now in condition for allowance. Early
and favorable indication of allowance is courteously solicited.

Respectfully submitted

By 

David E. Dougherty
Registration
No:19,576

Lowe, Hauptman & Berner
1700 Diagonal Road
Suite 300
Alexandria, VA 22314

Amendments to the drawing:

Figure 7 has been amended to delete reference number 73'.

Figure 8 has been amended to delete reference number 73 .

Figure 10 has been amended to include reference number 512.